

## S80SM / S100SM / S125SM

### OPERATING MANUAL

### Xenon Lamp Strobe Light with Magnet

Thank you for purchasing Q.Light product.  
Please read this manual carefully before installing this system for safe and long use of the product.

### 1 Product Feature

- A product radiating strong strobe signal by xenon lamp and it is suitable for a bright place and for the transmission of signal from a distance.
- Powerful magnet is strongly attached to the curved surface of the vehicle.
- Having a built-in switch for controlling the frequency (from 2 times to 4 times) of continuous flashing. (S100SM/S125SM)
- Lamp of connector type whose replacement is easy and simple.
- Material : Lens-AS, Body-ABS
- Flashes : S80SM : 60-80/Min, S100SM, S125SM : 65-95/Min
- Protection Class : IP54

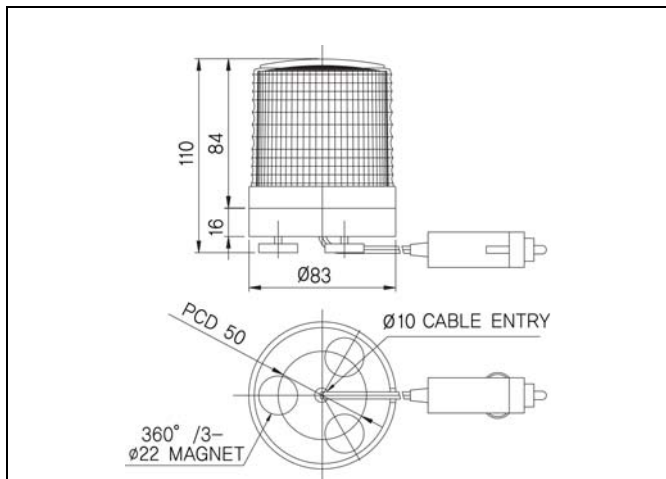
### 2 Specification & External View Drawing

#### 1) S80SM

##### General Specification

Model	Rated Voltage	Current	Weight	Flashes	Color
S80SM	DC12V	0.550A	0.26Kg	60-80/Min.	Red-R Amber-A Green-G Blue-B
	DC24V	0.480A	0.26Kg		

##### External View Drawing

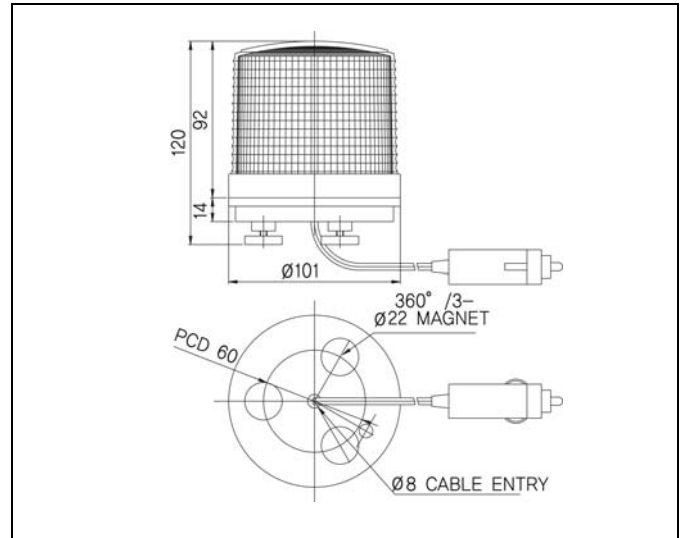


#### 2) S100SM

##### General Specification

Model	Rated Voltage	Current	Weight	Flashes	Color
S100SM	DC12V	0.920A	0.34Kg	65-95/Min.	Red-R Amber-A Green-G Blue-B
	DC24V	0.390A	0.34Kg		

##### External View Drawing

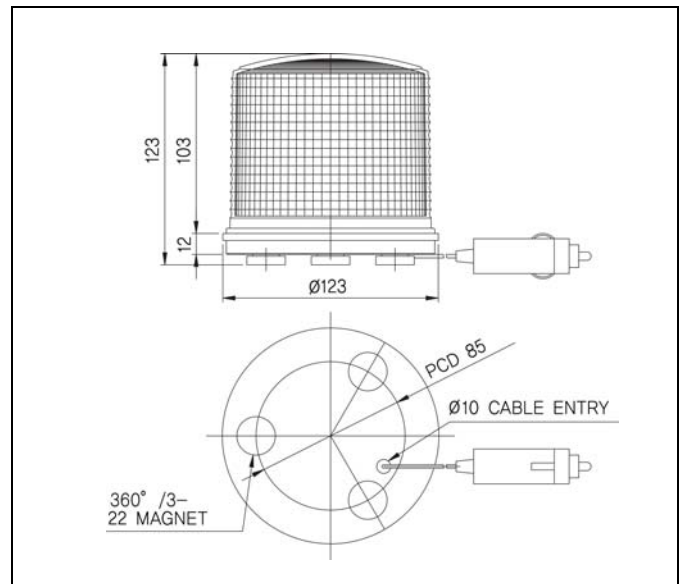


#### 3) S125SM

##### General Specification

Model	Rated Voltage	Current	Weight	Flashes	Color
S125SM	DC12V	0.640A	0.42Kg	65-95/Min.	Red-R Amber-A Green-G Blue-B
	DC24V	0.330A	0.42Kg		

##### External View Drawing



### 3 Wiring Instruction

- This product consists of cable IEC42(0.75sq)x2P 1000mm and vehicle cigar plug.
- Connect cigar plug to cigar jack of the vehicle for operating the product.

### 4 Mounting

This product has 3 magnet legs on bottom and the powerful magnet is freely attached to the curved surface on the roof of the vehicle.

### 5 Lamp Change & Selecting Flashing Type

#### 1) Warning ! Turn off Power

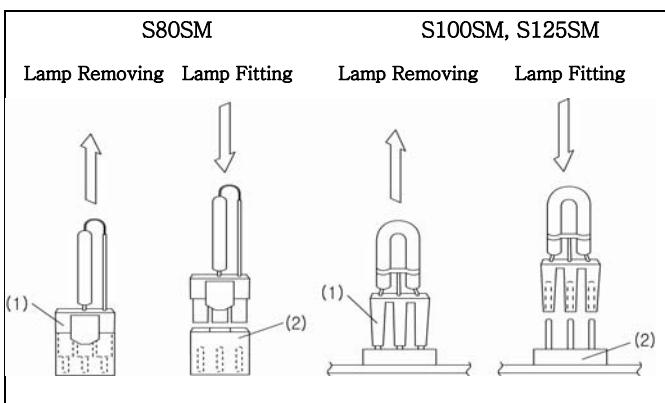
- Must turn off power supply and change the bulb after at least 1 minute.
- Xenon lamp is operating with high voltage. Do not touch lamp or assembling board without turning off power. It can cause an electrical shock.

#### 2) Lens Removal

Remove lens by turning it counterclockwise and make sure lamp and flashing selection switch on assembling board.

#### 3) Lamp Change

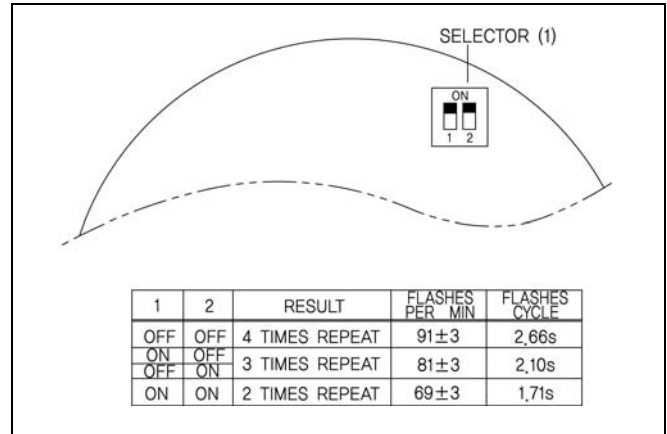
- Xenon lamp is a connector type. Pull up the lamp(1) for removal.
- Insert the connector pin(2) correctly into the groove for assembling by referring following drawing.



#### 4) Selecting Flashing Type (S100SM, S125SM)

Having a built-in switch for controlling the frequency of flashes from 2 times to 4 times.

Refer to following drawing for selecting the type of flashes needed.



#### 5) Lens Assembling

Assemble the product in reverse order of separating.

### 6 Caution

- If using voltage is seriously higher or lower than rated voltage, it can reduce the self-life of the product or can cause a problem on product operating. Make sure the using voltage does not exceed +/- 5% of the rated voltage.
- If lens or body of the product is contaminated by chemicals such as thinner, benzene, the product can be damaged, discolored or deformed. Please be careful.
- Do not give strong impact to the product. It can be a reason of wire disconnection or short circuit.
- Do not strongly pull the wire out from the product. It can cause a disorder.

### 7 Troubleshooting

Situation	Main Cause	Solution
Non Lighting	Damage on Lamp	Change Lamp
	Untied Lamp Connector	Re-join Lamp Connector
	No Power Supply	Make Sure Power Supply
Irregular Strobe Operating	Supplying Voltage Lower than Rated Voltage	Make Sure Using Voltage
	Wrong Selecting Switch for Controlling Frequency of Flashes	Make Sure Switch Selection

### — For A/S & Information on Product

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